SEP 2 4 2004 S

Ser. No. 09/415,654

Issue Fee Payment dated: September 22, 2004 Response to Notice of Allowance of June 22, 2004 Internal Docket No. RCA 89,830

REPLACEMENT SHEET

1/6

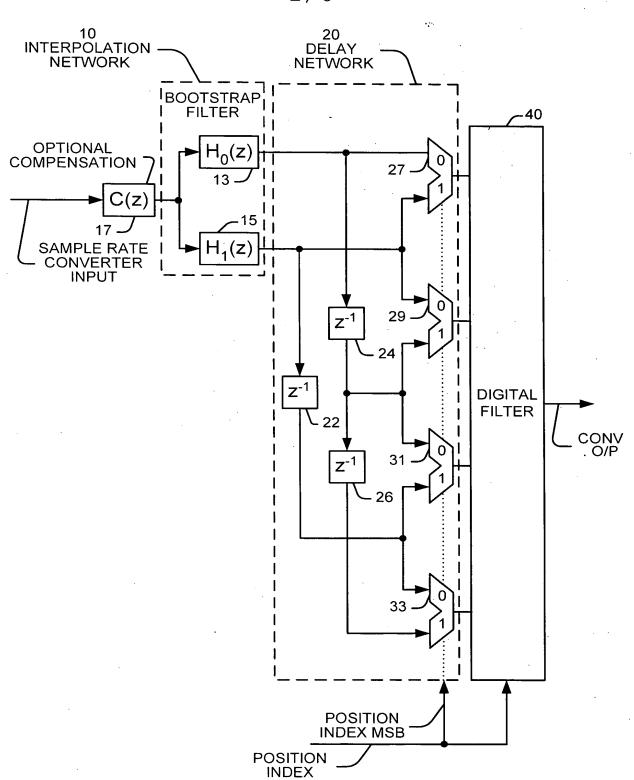


FIG. 1

DIGITAL FILTER ^Z-1 ~ Z-1 ~ Z-1 1-Z|**→**|2-1 CONSTANT MULTIPLIER Z-1-Z-1 Response to Notice of Allowance of June 22, 2004 Issue Fee Payment dated: September 22, 2004 Z-1 75 Internal Docket No. RCA 89,830 REPLACEMENT SHEET Ser. No. 09/415,654 .6 **Z**-1 FIG. 1A 2/6 CONSTANT MULTIPLIER CONSTANT MULTIPLIER 7 69 59 -Z-1 437 FROM 33 FIG. 1 FROM 29 FIG. 1 FROM 31 FIG. 1 FROM 27 FIG. 1



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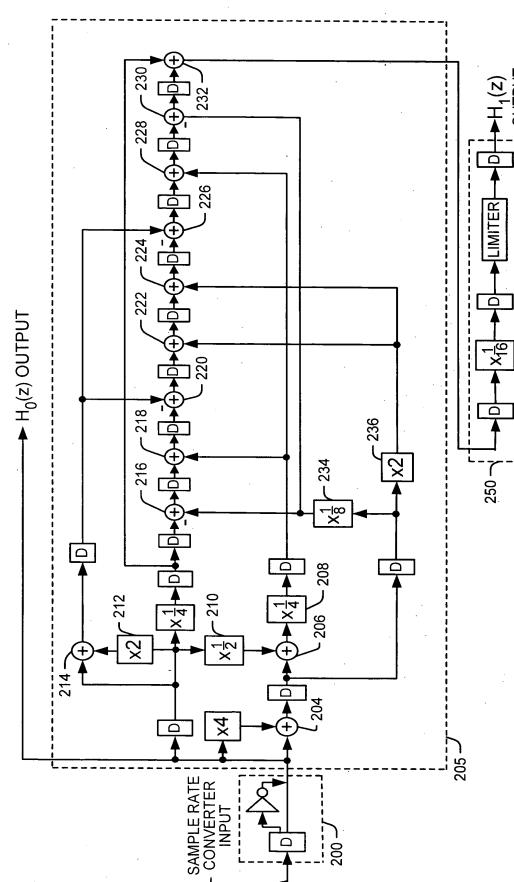


FIG. 2



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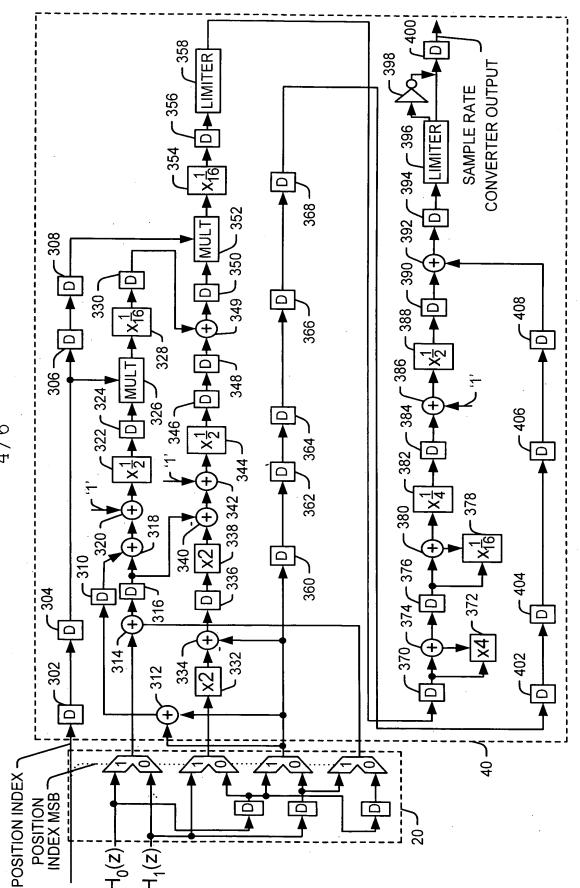


FIG. 3



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	0	- 425	430 _ 43		- 445
POSITION INDEX	DELAY	1	z ^{-0.5}	z ⁻¹	z -1.5
0	48/32	0	0	768	0
1	47/32	-15	63	735	-15
2	46/32	-28	124	700	-28
3	45/32	-39	183	663	-39
4	44/32	-48	240	624	-48
5	43/32	-55	295	583	-55
6	42/32	-60	348	540	-60
7	41/32	-63	399	495	-63
8	40/32	-64	112	448	-64
9	39/32	-63	495	399	-63
10	38/32	-60	540	348	-60
11	37/32	-55	500	295	-55
12	36/32	-48	624	240	-48
13	35/32	-39	663	183	-39
14	34/32	-28	700		-28.
15	33/32	-15	735	63	-15
16	32/32	0	0	768	0
17	31/32	-15	63	735	-15
18	30/32	-28	124	700	-28
19	29/32	-39	183	663	-39
20	28/32	-48	240	624	-48
21	27/32	-55	295	583	-55
22	26/32	-60	348	540	-60
23	25/32	-63	399	495	-63
24	24/32	-64	448	448	-64
25	23/32	-63	495	399	-63
26	22/32	-60	540	348	-60
27	21/32	-55	583	295	-55
28	20/32	-48	624	240	-48
29	19/32	-39	663	183	-39
30	18/32	-28	700	124	-28
31	17/32	-15	735	63	-15

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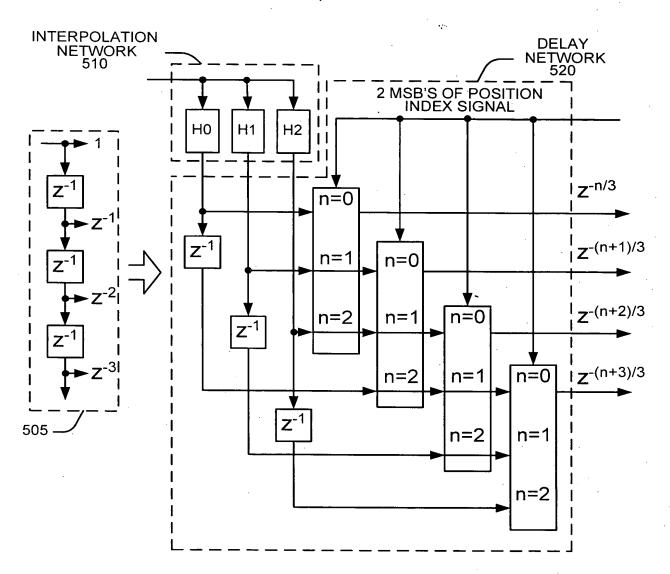


FIG. 5



FIG. 6